

Date: Thursday, 10/04/2008 10:37:03 AM  
 User: Julie Lecocq

## Process Sheet

|                       |                                       |  |  |                  |                              |  |  |
|-----------------------|---------------------------------------|--|--|------------------|------------------------------|--|--|
| Customer              | : CU-DAR001 Dart Helicopters Services |  |  | Drawing Name     | : CABIN FLOOR PROTECTOR KIT  |  |  |
| Job Number            | : 38516                               |  |  | Part Number      | : D412760015                 |  |  |
| Estimate Number       | : 12938                               |  |  | Drawing Number   | : N/A                        |  |  |
| P.O. Number           | :                                     |  |  | Project Number   | : N/A                        |  |  |
| This Issue            | : 10/04/2008 S.O. No. :               |  |  | Drawing Revision | : A                          |  |  |
| Prsht Rev.            | : NC                                  |  |  | Material         | :                            |  |  |
| First Issue           | : 10/04/2008 Type : SMALL /MED FAB    |  |  | Due Date         | : 18/04/2008 Qty: 2 Um: Each |  |  |
| Previous Run          | : 35940                               |  |  |                  |                              |  |  |
| Written By            | :                                     |  |  |                  |                              |  |  |
| Checked & Approved By | : <u>JD 08.4.10</u>                   |  |  |                  |                              |  |  |
| Comment               | : est rev A 07.07.05 new issue EC     |  |  |                  |                              |  |  |

## Additional Product

Job Number:



| Seq. #: | Machine Or Operation: | Description :  |  |
|---------|-----------------------|--|--|
| 1.0     | DC                    | DOCUMENT CONTROL   |  |
|         |                       |  |  |
|         |                       | Comment: DOCUMENT CONTROL<br>Photocopy bluefile & type labels per PPP D412-760-011 CHG001                  |  |
| 2.0     | PACKAGING 1           | PACKAGING RESOURCE #1  |  |
|         |                       |  |  |
|         |                       | Comment: PACKAGING RESOURCE #1<br>Pick Packing Kit   |  |
| 3.0     | D35745                | CABIN FLOOR PROTECTOR  |  |
|         |                       |  |  |
|         |                       | Comment: Qty.: 1.0000 Each(s)/Unit Total : 2.0000 Each(s)<br>CABIN FLOOR PROTECTOR<br>batch: <u>38517</u>  |  |
| 4.0     | D35746                | CABIN FLOOR PROTECTOR  |  |
|         |                       |  |  |
|         |                       | Comment: Qty.: 1.0000 Each(s)/Unit Total : 2.0000 Each(s)<br>CABIN FLOOR PROTECTOR<br>batch: <u>B38518</u> |  |
| 5.0     | D35755                | CABIN FLOOR PROTECTOR  |  |
|         |                       |  |  |
|         |                       | Comment: Qty.: 1.0000 Each(s)/Unit Total : 2.0000 Each(s)<br>CABIN FLOOR PROTECTOR<br>batch: <u>3859</u>   |  |

| W/O: |      | WORK ORDER CHANGES |    |      |     |                                     |                          |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE   | By | Date | Qty | Approval<br>Chief Eng /<br>Prod Mgr | Approval<br>QC Inspector |
|      |      |                    |    |      |     |                                     |                          |
|      |      |                    |    |      |     |                                     |                          |

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_  
 QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

| NCR: |      | WORK ORDER NON-CONFORMANCE (NCR) |                             |                                 |                |                           |                       |                          |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC<br>Section A   | Corrective Action Section B |                                 |                | Verification<br>Section C | Approval<br>Chief Eng | Approval<br>QC Inspector |
|      |      |                                  | Initial<br>Chief Eng        | Action Description<br>Chief Eng | Sign &<br>Date |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |

NOTE: Date & initial all entries

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## Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: CABIN FLOOR PROTECTOR KIT

Job Number: 38516

Part Number: D412760015

Job Number:



| Seq. #: | Machine Or Operation:  | Description :                         |
|---------|--|---------------------------------------|
| 6.0     | D35756   | CABIN FLOOR PROTECTOR                 |
|         |  |                                       |
|         | Comment: Qty.: 1.0000 Each(s)/Unit Total : 2.0000 Each(s)<br>CABIN FLOOR PROTECTOR<br>batch: 38520 | 8/4/16 SQ                             |
| 7.0     | D35801   | JOGGLE BRACKET                        |
|         |  |                                       |
|         | Comment: Qty.: 6.0000 Each(s)/Unit Total : 12.0000 Each(s)<br>JOGGLE BRACKET<br>batch: B35983      | AS 08/04/16 (2)                       |
| 8.0     | D36281   | CUPPED WASHER                         |
|         |  |                                       |
|         | Comment: Qty.: 16.0000 Each(s)/Unit Total : 32.0000 Each(s)<br>CUPPED WASHER<br>batch: B32923      | AS 08/04/16 (2)                       |
| 9.0     | D36283   | CUPPED WASHER                         |
|         |  |                                       |
|         | Comment: Qty.: 6.0000 Each(s)/Unit Total : 12.0000 Each(s)<br>CUPPED WASHER<br>batch: B32924       | AS 08/04/16 (2)                       |
| 10.0    | MS24694S54   | Screw                                 |
|         |  |                                       |
|         | Comment: Qty.: 16.0000 Each(s)/Unit Total : 32.0000 Each(s)<br>Screw<br>batch: M107178 x25         | * 8/4/16<br>101746 SQ AS 08/04/16 (2) |
| 11.0    | MS24694S100  | FLAT HEAD SCREW                       |
|         |  |                                       |
|         | Comment: Qty.: 6.0000 Each(s)/Unit Total : 12.0000 Each(s)<br>FLAT HEAD SCREW<br>batch: M107082    | AS 08/04/14 (2)                       |
| 12.0    | AN960JD10  | Washer                                |
|         |  |                                       |
|         | Comment: Qty.: 32.0000 Each(s)/Unit Total : 64.0000 Each(s)<br>Washer<br>batch: M107534            | AS 08/04/14 (2)                       |

| W/O: |      | WORK ORDER CHANGES |    |      |     |                                     |                          |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE   | By | Date | Qty | Approval<br>Chief Eng /<br>Prod Mgr | Approval<br>QC Inspector |
|      |      |                    |    |      |     |                                     |                          |
|      |      |                    |    |      |     |                                     |                          |

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_  
 QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

| NCR: |      | WORK ORDER NON-CONFORMANCE (NCR) |                             |                                 |                |                           |                       |                          |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC<br>Section A   | Corrective Action Section B |                                 |                | Verification<br>Section C | Approval<br>Chief Eng | Approval<br>QC Inspector |
|      |      |                                  | Initial<br>Chief Eng        | Action Description<br>Chief Eng | Sign &<br>Date |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |

NOTE: Date & initial all entries

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## Process Sheet

| Customer: CU-DAR001 Dart Helicopters Services  |                       | Drawing Name: CABIN FLOOR PROTECTOR KIT   |
|--|-----------------------|---|
| Job Number: 38516  |                       | Part Number: D412760015   |
| Job Number:  |                       |      |
| Seq. #:  | Machine Or Operation: | Description :   |
| 13.0   | AN960JD416            | Washer  |
|   |                       |    |
| Comment: Qty.: 12.0000 Each(s)/Unit Total : 24.0000 Each(s)<br>Washer<br>batch: <u>M100780</u> <span style="float: right;">AS 08/04/11 (2)</span>  |                       |   |
| 14.0   | QC4                   | INSPECT 100% KITS FOR COMPLETENESS  |
|   |                       |    |
| Comment: INSPECT 100% KITS FOR COMPLETENESS  |                       |   |
| 15.0   | PACKAGING 1           | PACKAGING RESOURCE #1   |
|   |                       |    |
| Comment: PACKAGING RESOURCE #1<br>Identify and pack for shipping as per PPP D412-760-011<br>Location: <u>61</u> <span style="float: right;">08/16 59 (2)</span><br>PPP Rev: <u>Draft</u> |                       |   |
| 16.0   | QC21                  | FINAL INSPECTION/W/O RELEASE  |
|   |                       |  |
| Comment: FINAL INSPECTION/W/O RELEASE  |                       |   |
| Job Completion   |                       |    |
|  |                       | <u>MF 08-04-16</u>  |

| W/O: |      | WORK ORDER CHANGES |    |      |     |                                     |                          |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE   | By | Date | Qty | Approval<br>Chief Eng /<br>Prod Mgr | Approval<br>QC Inspector |
|      |      |                    |    |      |     |                                     |                          |
|      |      |                    |    |      |     |                                     |                          |

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_  
 QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

| NCR: |      | WORK ORDER NON-CONFORMANCE (NCR) |                             |                                 |                |                           |                       |                          |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC<br>Section A   | Corrective Action Section B |                                 |                | Verification<br>Section C | Approval<br>Chief Eng | Approval<br>QC Inspector |
|      |      |                                  | Initial<br>Chief Eng        | Action Description<br>Chief Eng | Sign &<br>Date |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |

NOTE: Date & initial all entries

## 4.0 WEIGHT AND BALANCE

The following is the weight increase associated with the Cabin Floor Protectors. Be sure to subtract the weight of any parts removed.

| Installation   | Weight             | LATERAL            |                        | LONGITUDINAL     |                         |
|--|--------------------|--------------------|------------------------|------------------|-------------------------|
|  |                    | Arm                | Moment                 | Arm              | Moment                  |
| D412-760-011 Cabin Floor Protector Kit<br>(205A-1/B, 210 and 212 models)   | 37.6 lb<br>17.1 kg | 0 in<br>0 m        | 0 in-lb<br>0 m-kg      | 113 in<br>2.87 m | 4249 in-lb<br>49.1 m-kg |
| D412-760-011 Cabin Floor Protector Kit<br>(205A-1/B, 210 and 212 models)<br>(Installed for compatibility with the auxiliary fuel tank)         | 33.6 lb<br>15.2 kg | 4.33 in<br>0.110 m | 145 in-lb<br>1.67 m-kg | 108 in<br>2.74 m | 3629 in-lb<br>41.6 m-kg |
| D412-760-013 Cabin Floor Protector Kit<br>(412CF model)  | 37.6 lb<br>17.1 kg | 0 in<br>0 m        | 0 in-lb<br>0 m-kg      | 113 in<br>2.87 m | 4249 in-lb<br>49.1 m-kg |
| D412-760-013 Cabin Floor Protector Kit<br>(412CF model)<br>(Installed for compatibility with the auxiliary fuel tank)                          | 33.6 lb<br>15.2 kg | 4.33 in<br>0.110 m | 145 in-lb<br>1.67 m-kg | 108 in<br>2.74 m | 3629 in-lb<br>41.6 m-kg |
| D412-760-015 Cabin Floor Protector Kit<br>(412, 412EP, AB412 and AB412EP models)   | 37.6 lb<br>17.1 kg | 0 in<br>0 m        | 0 in-lb<br>0 m-kg      | 113 in<br>2.87 m | 4249 in-lb<br>49.1 m-kg |
| D412-760-015 Cabin Floor Protector Kit<br>(412, 412EP, AB412 and AB412EP models)<br>(Installed for compatibility with the auxiliary fuel tank) | 33.6 lb<br>15.2 kg | 4.33 in<br>0.110 m | 145 in-lb<br>1.67 m-kg | 108 in<br>2.74 m | 3629 in-lb<br>41.6 m-kg |

## 5.0 PARTS LIST

| Qty<br>-011 | Qty<br>-013 | Qty<br>-015 | Part Number  | Description               | Shop Copy                |
|-------------|-------------|-------------|--------------|---------------------------|--------------------------|
| X           |             |             | D412-760-011 | CABIN FLOOR PROTECTOR KIT |                          |
|             | X           |             | D412-760-013 | CABIN FLOOR PROTECTOR KIT |                          |
|             |             | X           | D412-760-015 | CABIN FLOOR PROTECTOR KIT |                          |
|             |             |             |              |                           |                          |
| 1           |             |             | D3574-1      | CABIN FLOOR PROTECTOR     |                          |
| 1           |             |             | D3574-2      | CABIN FLOOR PROTECTOR     |                          |
|             | 1           |             | D3574-3      | CABIN FLOOR PROTECTOR     |                          |
|             | 1           |             | D3574-4      | CABIN FLOOR PROTECTOR     |                          |
|             |             | 1           | D3574-5      | CABIN FLOOR PROTECTOR     |                          |
|             |             | 1           | D3574-6      | CABIN FLOOR PROTECTOR     |                          |
| 1           |             |             | D3575-1      | CABIN FLOOR PROTECTOR     | RETURN TO<br>ENGINEERING |
| 1           |             |             | D3575-2      | CABIN FLOOR PROTECTOR     |                          |
|             | 1           |             | D3575-3      | CABIN FLOOR PROTECTOR     |                          |
|             | 1           |             | D3575-4      | CABIN FLOOR PROTECTOR     |                          |
|             |             | 1           | D3575-5      | CABIN FLOOR PROTECTOR     | UNCONTROLLED COPY        |
|             |             | 1           | D3575-6      | CABIN FLOOR PROTECTOR     | SUBJECT TO AMENDMENT     |
| 6           | 4           | 6           | D3580-1      | JOGGLE BRACKET            | WITHOUT NOTICE           |
| 16          | 40          | 16          | D3628-1      | CUPPED WASHER             | WORK ORDER               |
| 6           | 8           | 6           | D3628-3      | CUPPED WASHER             | NO. 38514                |
|             |             |             |              |                           |                          |
| 16          |             | 16          | MS24694S54   | SCREW                     |                          |
| 6           |             | 6           | MS24694S100  | SCREW                     |                          |
| 32          |             | 32          | AN960JD10    | WASHER                    |                          |
| 12          |             | 12          | AN960JD416   | WASHER                    |                          |